

AMENDMENTS TO THE CLAIMS

Applicants respectfully request the following amendments to the claim set:

1. (currently amended) A network system for managing information comprising:
a database store, in which information is stored and requested across the
network system;
a plurality of clients, communicatively coupled to the database store, wherein at
least one of the plurality of clients makes request of information from
the database store; and
information access control to control the sharing of information requested by
the at least one client by maintaining a list of those clients requesting the
information and forwarding updates of the information to those clients on the
list only, wherein the information access control includes a smart cache
controller to manage information accessed by one or more clients.
2. (currently amended) The network system according to claim 1 wherein the controller
provides asynchronous caching updates to clients as the cached information is updated.
~~information access control includes a smart cache controller to manage information accessed by
one or more clients.~~
3. (previously presented) The network system according to claim 2 wherein the smart
cache controller stores information within cache memory and provides caching updates to the
client as the cached information is updated.
4. (currently amended) The network system according to claim ~~[[1]]~~2 wherein the
information access control caches information requested for as long as the information is

required and removes the information from cache when no longer needed by the client.

5. (original) The network system according to claim 1 wherein the client indicates to the information access control to remove the client from the list, thereby ending information updates to that client.

6. (original) The network system according to claim 1 wherein the client is identified by location.

7. (original) The network system according to claim 1 wherein the information access controller writes the changed information on the database store.

8. (currently amended) A method of managing information across a client/server system comprising:

storing information on a database store managed by a server;
requesting information on the client/server system by at least one client;
granting the requested information to the requesting client;
preparing a list of clients requesting the information; ~~and~~
providing updates of the requested information only to those clients listed; and
providing a smart cache controller to manage information accessed by one or more clients.

9. (original) The method according to claim 8 further comprising the step of removing a client on the list based on the client's indication that the information is no longer needed.

10. (original) The method according to claim 8 further comprising the step of updating the information on the database store.

11. (original) The method according to claim 8 further comprising the step of storing the information client list on the server managing the requested information.
12. (original) The method according to claim 8 wherein the information requesting step and the information updating step are asynchronous with one another.
13. (currently amended) The method according to claim 8 wherein the updates are performed on a timed schedule, in a sequential ~~manner~~timer, or according to a pre-selected schedule.
14. (currently amended) ~~[[a]]~~A method of managing information across a client/server system comprising:
 - storing information as data on a database store controlled in part by the server;
 - at a client side, generating a request for specific data stored on the database store;
 - caching the requested data as a smart cache object on the server side;
 - forwarding to the requesting client a view of the smart cache object; ~~and~~
 - providing an interface registration object to maintain a list of clients receiving a view of the smart cache object; and
 - asynchronously updating the smart cache object and the view thereof.
15. (canceled)
16. (original) The method according to claim 15 further comprising the step of forwarding the updated view to each client maintained on the list.
17. (original) The method according to claim 14 further comprising the step of sending a

request from a client to the server to remove the client from the list.

18. (original) The method according to claim 14 wherein the interface registration object utilizes a client location to identify a client on the list.

19. (original) The method according to claim 14 further comprising the step of sending update information of the data to the server maintaining the smart cache object.

20. (original) The method according to claim 14 wherein the client/server is maintained within a medical office facility.

21. (currently amended) A method of automatically organizing data and sharing data in response to a data request, comprising:

maintaining a database store of data;

submitting new data to the database store;

correlating the new data with data stored within the database store;

selecting data stored within the database store based on the correlation of the
new data with the stored data;

storing the new data within the database store based on its correlation;

sharing the selected correlated data with the source submitting the new data;

and

providing a smart cache controller to manage information accessed by one or
more clients.

22. (currently amended) The method according to claim 21 including the step of

asynchronously caching the selected correlated data.

23. (original) The method according to claim 21 including the step of generating a list of each client receiving the selected correlated data.

24. (original) The method according to claim 23 updating the selected correlated data that has changed to each client on the list.

25. (original) The method according to claim 24 wherein the data updating is done asynchronously on the client/server.

26. (original) The method according to claim 21 wherein the data is related to healthcare provider information for medical and health care offices.